



Sheet 1 of 2

Form PTOL 449 (Substitute) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>	Attorney Docket Number SHPR-01041US0	Serial/Patent Number 10/074,208
	Applicant/Patent Owner Charles E. Taylor	
	Filing/Issue Date February 12, 2002	Group Art Unit 1741

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
tt	1.	2,949,550	Aug. 16, 1960	Brown	310	5	Jul. 3, 1957
	2.	3,984,215	Oct. 5, 1976	Zucker	55	2	Jan. 8, 1975
	3.	4,052,177	Oct. 4, 1977	Kide	55	139	Mar. 1, 1976
	4.	4,138,233	Feb. 6, 1979	Masuda	55	139	Jun. 16, 1977
	5.	4,209,306	Jun. 24, 1980	Feldman et al.	55	2	Nov. 13, 1978
	6.	4,231,766	Nov. 4, 1980	Spurgin	55	138	Dec. 11, 1978
	7.	4,232,355	Nov. 4, 1980	Finger et al.	361	235	Jan. 8, 1979
	8.	4,244,712	Jan. 13, 1981	Tongret	55	124	Mar. 5, 1979
	9.	4,259,452	Mar. 31, 1981	Yukuta et al.	521	52	May 15, 1979
	10.	4,266,948	May 12, 1981	Teague et al.	55	126	Jan. 4, 1980
	11.	4,282,014	Aug. 4, 1981	Winkler et al.	55	105	May 21, 1979
	12.	4,342,571	Aug. 3, 1982	Hayashi	55	137	Jun. 14, 1978
	13.	4,386,395	May 31, 1983	Francis, Jr.	363	27	Dec. 19, 1980
	14.	4,413,225	Nov. 1, 1983	Donig et al.	323	246	Jul. 17, 1981
	15.	4,445,911	May 1, 1984	Lind	55	2	Dec. 15, 1981
	16.	4,502,002	Feb. 26, 1985	Ando	323	237	Sep. 2, 1982
	17.	4,536,698	Aug. 20, 1985	Shevalenko et al.	323	237	Aug. 25, 1983
	18.	4,587,475	May 6, 1986	Finney, Jr., et al.	323	241	Jul. 25, 1983
	19.	4,600,411	Jul. 15, 1986	Santamaria	55	139	Apr. 6, 1984
	20.	4,601,733	Jul. 22, 1986	Ordines et al.	55	139	Sep. 27, 1984
	21.	4,626,261	Dec. 2, 1986	Jorgensen	55	2	Dec. 12, 1985
✓	22.	4,659,342	Apr. 21, 1987	Lind	55	2	Apr. 30, 1984

20/22

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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
H	23.	4,674,003	Jun. 16, 1987	Zylka	361	235	Apr. 3, 1985
	24.	4,694,376	Sep. 15, 1987	Gesslauer	361	235	Sep. 26, 1985
	25.	4,713,093	Dec. 15, 1987	Hansson	55	139	Jul. 8, 1986
	26.	4,779,182	Oct. 18, 1988	Mickal et al.	363	37	Jun. 24, 1986
	27.	4,808,200	Feb. 28, 1989	Dallhammer et al.	55	105	Nov. 12, 1987
	28.	4,940,470	Jul. 10, 1990	Jaisinghani et al.	55	2	Mar. 23, 1988
	29.	5,010,869	Apr. 30, 1991	Lee	123	539	Aug. 11, 1989
	30.	5,196,171	Mar. 23, 1993	Peltier	422	121	Mar. 11, 1991
	31.	5,217,504	Jun. 8, 1993	Johansson	55	2	Mar. 20, 1990
	32.	5,302,190	Apr. 12, 1994	Williams	95	57	Jun. 8, 1992
	33.	5,315,838	May 31, 1994	Thompson	62	129	Aug. 16, 1993
	34.	5,378,978	Jan. 3, 1995	Gallo et al.	323	241	Apr. 2, 1993
	35.	5,484,472 C1	Feb. 20, 2001	Weinberg	96	26	Feb. 6, 1995
	36.	5,578,112	Nov. 26, 1996	Krause	96	24	Jun. 1, 1995
	37.	5,667,564	Sep. 16, 1997	Weinberg	96	58	Aug. 14, 1996
	38.	5,814,135	Sep. 29, 1998	Weinberg	96	58	Sep. 15, 1997
	39.	5,879,435	Mar. 9, 1999	Satyapal et al.	96	16	Jan. 6, 1997
	40.	5,893,977	Apr. 13, 1999	Pucci	210	739	May 12, 1997
	41.	5,972,076	Oct. 26, 1999	Nichols et al.	95	81	Sep. 28, 1998
	42.	6,019,815	Feb. 1, 2000	Satyapal et al.	95	74	Sep. 11, 1998
	43.	6,042,637	Mar. 28, 2000	Weinberg	96	58	Sep. 28, 1998
	44.	6,063,168	May 16, 2000	Nichols et al.	96	80	Aug. 11, 1997
	45.	6,086,657	Jul. 11, 2000	Freije	95	2	Feb. 16, 1999
	46.	6,149,717	Nov. 21, 2000	Satyapal et al.	96	16	Dec. 22, 1998
	47.	6,149,815	Nov. 21, 2000	Sauter	210	635	Nov. 23, 1999
	48.	6,182,461 B1	Feb. 6, 2001	Washburn et al.	62	264	Jul. 16, 1999
	49.	6,193,852 B1	Feb. 27, 2001	Caracciolo et al.	204	176	May 28, 1997
✓	50.	6,212,883 B1	Apr. 10, 2001	Kang	60	275	Mar. 3, 2000

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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
H	51.	6,252,012 B1	Jun. 26, 2001	Egitto et al.	525	431	Aug. 30, 1999
	52.	6,270,733 B1	Aug. 7, 2001	Rodden	422	186.07	Feb. 17, 2000
	53.	6,277,248 B1	Aug. 21, 2001	Ishioka et al.	204	176	Jan. 5, 2000
	54.	D449,097 S	Oct. 9, 2001	Smith et al.	D23	364	May 1, 2000
	55.	6,302,944 B1	Oct. 16, 2001	Hoenig	96	16	Apr. 18, 2000
	56.	D449,679 S	Oct. 23, 2001	Smith et al.	D23	365	May 1, 2000
	57.	6,309,514 B1	Oct. 30, 2001	Conrad et al.	204	164	Nov. 7, 1994
	58.	6,312,507 B1	Nov. 6, 2001	Taylor et al.	96	19	Feb. 12, 1999
	59.	6,315,821 B1	Nov. 13, 2001	Pillion et al.	96	416	Jan. 11, 2001
	60.	6,328,791 B1	Dec. 11, 2001	Pillion et al.	96	418	May 3, 2000
	61.	6,350,417 B1	Feb. 26, 2002	Lau et al.	422	186.04	May 4, 2000
	62.	6,372,097 B1	Apr. 16, 2002	Chen	204	176	Apr. 14, 2000
	63.	6,379,427 B1	Apr. 30, 2002	Siess	95	57	Dec. 6, 1999
✓	64.	6,391,259 B1	May 21, 2002	Malkin et al.	422	28	Jun. 26, 1997

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No
H	65.	09/669,253	Sep. 25, 2000	Taylor et al.	X
	66.	09/669,268	Sep. 25, 2000	Taylor et al.	X
	67.	09/730,499	Dec. 5, 2000	Taylor et al.	X
	68.	09/742,814	Dec. 19, 2000	Taylor et al.	X
	69.	09/774,198	Jan. 29, 2001	Taylor	X
✓	70.	60/306,479	July 18, 2001	Taylor	X

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No
tt	71.	09/924,624	Aug. 8, 2001	Taylor et al.	X
	72.	09/924,600	Aug. 8, 2001	Taylor et al.	X
	73.	60,341,179	Dec. 13, 2001	Taylor et al.	X
	74.	60/340,702	Dec. 13, 2001	Taylor et al.	X
	75.	60/341,377	Dec. 13, 2001	Taylor et al.	X
	76.	60/341,518	Dec. 13, 2001	Taylor	X
	77.	60/340,288	Dec. 13, 2001	Taylor	X
	78.	60/341,176	Dec. 13, 2001	Taylor	X
	79.	60/340,462	Dec. 13, 2001	Taylor	X
	80.	60/341,090	Dec. 13, 2001	Taylor	X
	81.	60/341,433	Dec. 13, 2001	Taylor	X
	82.	60/341,592	Dec. 13, 2001	Taylor	X
	83.	60/341,320	Dec. 13, 2001	Taylor	X
	84.	10/074,082	Feb. 12, 2002	Taylor et al.	X
	85.	10/156,158	May 28, 2002	Taylor et al.	X
	86.	60/391,070	Jun. 6, 2002	Reeves	X
✓	87.	10/188,668	Jul. 2, 2002	Taylor et al.	X

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Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes No
tt	88.	WO 01/47803 A1	Jul. 5, 2001	PCT			✓
	89.	WO 01/48781 A1	Jul. 5, 2001	PCT			✓
	90.	FR 2690509	Oct. 29, 1993	France			✓
	91.	JP 10137007	May 26, 1998	Japan			✓
✓	92.	JP 11104223	Apr. 20, 1999	Japan			✓

FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
tt	93.	JP 2000236914	Sept. 5, 2000	Japan			✓	

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)	
tt	94. LENTEK Silā™ Plug-In Air Purifier/Deodorizer product box copyrighted 1999.
Examiner	Thao Tran
Date Considered	5/16/05
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
<p>*1 = Copy not submitted because it was submitted in prior application SN <u> </u> / <u> </u>, filed <u> </u>, 20<u> </u>, relied on under 35 USC §120.</p>	
<p>*2 = Copy not submitted because it was submitted in prior application SN <u> </u> / <u> </u>, filed <u> </u>, 20<u> </u>, relied on under 35 USC §120.</p>	

FORM PTO-1449

(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Num

SHPR-01041USO

Serial No.

10/074,208

**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

Applicant

Charles E. Taylor

Filing Date

February 12, 2002

Group Art Unit

1711

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	Inventor	Petition to Expunge	
					Yes	No
H	1.	60/104,573	10/16/1998	Krichtafovitch		X

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Translation	
					Yes	No
H	2.	WO92/05875 A1	4/16/1992	International	✓	
	3.	WO96/04703 A1	2/15/1996	International	✓	
	4.	WO99/07474 A1	2/18/1999	International	✓	
	5.	WO03/013734 AA	2/20/2003	International	✓	
	6.	EP 0332624 B1	1/2/1992	Europe	✓	
	7.	CN 2111112 U	7/29/1972	China	✓	
	8.	CN 2138764 Y	6/27/1993	China	✓	
	9.	CN 2153231 Y	12/18/1993	China	✓	
	10.	CN 87210843 U	7/6/1988	China	✓	
	11.	DE 2206057	8/16/1973	Germany	✓	
	12.	GB 643,363	9/20/1950	Great Britain	✓	
	13.	JP S51-90077	8/6/1976	Japan	✓	
✓	14.	JP S62-20653	2/7/1987	Japan	✓	

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H	15.	Trion Console 250 Electronic Air Cleaner, Model Series 442857 and 445600, Manual for Installation/Operation/Maintenance, Trion Inc., 7 pp., believed to be at least one year prior to Nov. 5, 1998
	16.	Trion 350 Air Purifier, Model 450111-010, http://www.feddersoutlet.com/trion350.html , 12 pp., believed to be at least one year prior to Nov. 5, 1998
	17.	Trion 150 Air Purifier, Model 45000-002, http://www.feddersoutlet.com/trion150.html , 11 pp., believed to be at least one year prior to Nov. 5, 1998
	18.	Trion 120 Air Purifier, Model 442501-025, http://www.feddersoutlet.com/trion120.html , 16 pp., believed to be at least one year prior to Nov. 5, 1998
	19.	Friedrich C-90A Electronic Air Cleaner, Service Information, Friedrich Air Conditioning Co., 12 pp., 1985
	20.	LakeAir Excel and Maxum Portable Electronic Air Cleaners, Operating and Service Manual, LakeAir International, Inc., 11 pp., 1971
✓	21.	Blueair AV 402 Air Purifier, http://www.air-purifiers-usa.biz/Blueair_AV402.htm , 4 pp., 1996
	22.	Blueair AV 501 Air Purifier, http://www.air-purifiers-usa.biz/Blueair_AV501.htm , 15 pp., 1997

EXAMINER

Thao Tran

DATE CONSIDERED

5/16/05

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

**Title of
Invention****Electro-Kinetic Air Transporter-Conditioner Devices with
Enhanced Collector Electrode**

Application Number: 10/074208 *10/074208*

Confirmation Number: 4381

First Named Applicant: Charles Taylor

Attorney Docket Number: SHPR-01041USO

Art Unit: 1711

Examiner: Thao T Tran

Search string: (0653421 or 0995958 or 4102654 or D315598 or 5012093 or
5077500 or D329284 or D332655 or 5248324 or 5266004 or
5290343 or 5435817 or 5532798 or D375546 or D377523 or
5641342 or D389567 or 5980614 or 6508982 or 3374941 or
6494940 or 4955991 or 4967119 or 4976752 or 5006761 or
5012159 or 5053912 or 5180404 or 5766318 or 5993521 or
6117216 or 6203600 or 6398852 or 20040052700 or
20040065202).pn.

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
1	1	0653421	1900-07-10	Lorey			
2	2	0995958	1911-06-20	Goldberg			
3	3	4102654	1978-07-25	Pellin			

4	D315598	1991-03-19	Yamamoto et al
5	5012093	1991-04-30	Shimizu
6	5077500	1991-12-31	Torok et al
7	D329284	1992-09-08	Patton
8	D332655	1993-01-19	Lytle et al
9	5248324	1993-09-28	Hara
10	5266004	1993-11-30	Tsumurai et al
11	5290343	1994-03-01	Morita et al
12	5435817	1995-07-25	Davis et al
13	5532798	1996-07-21	Nakagami et al
14	D375546	1996-11-12	Lee
15	D377523	1997-01-21	Marvin et al
16	5641342	1997-06-24	Smith et al
17	D389567	1998-01-20	Gudefin
18	5980614	1999-11-09	Loreth et al
19	6508982	2003-01-21	Shoji
20	3374941	1968-03-26	Okress
21	6494940	2002-12-17	Hak
22	4955991	1990-09-11	Torok et al
23	4967119	1990-10-10	Torok et al
24	4976752	1990-12-11	Torok et al
25	5006761	1991-04-09	Torok et al
26	5012159	1991-04-30	Torok et al
27	5053912	1991-10-01	Loreth et al
28	5180404	1993-01-19	Loreth et al
29	5766318	1998-06-16	Loreth et al
30	5993521	1999-11-30	Loreth et al
31	6117216	2000-09-12	Loreth
32	6203600	2001-03-20	Loreth
33	6398852	2002-06-04	Loreth

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
4	1	20040052700	2004-03-18	Kotlyar et al			

th	2	20040065202	2004-04-08	Gatchell et al
Signature				
Examiner Name			Date	
Thao Tran			5/16/05	

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

**Title of
Invention****Electro-Kinetic Air Transporter-Conditioner Devices with
Enhanced Collector Electrode**

Application Number: 10/074208

10/074208

Confirmation Number: 4381

First Named Applicant: Charles Taylor

Attorney Docket Number: SHPR-01041USO

Art Unit: 1711

Examiner: Thao T Tran

Search string: (3540191 or 6635105 or 20040136863 or 20040166037).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
H	1	3540191	1970-11-17	Herman			
✓	2	6635105	2003-10-21	Ahlborn et al			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
H	1	20040136863	2004-07-15	Yates et al			
✓	2	20040166037	2004-08-26	Youdeil et al			

Signature

Examiner Name	Date
Thao Tran	5/16/05